

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 10/S74/322
Source: IFWP
Date Processed by STIC: 4/17/06

ENTERED



IFWP

RAW SEQUENCE LISTING

DATE: 04/17/2006

PATENT APPLICATION: US/10/574,322

TIME: 12:26:35

Input Set : A:\ 211080032P1.SEQ.TXT

Output Set: N:\CRF4\04172006\J574322.raw

```

4 <110> APPLICANT: UNIVERSITY OF ROCHESTER
6 <120> TITLE OF INVENTION: Hormone Response Element Binding
7   Transregulators
9 <130> FILE REFERENCE: 21108.0032P1
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/574,322
C--> 11 <141> CURRENT FILING DATE: 2006-04-03
11 <150> PRIOR APPLICATION NUMBER: 60/508,763
12 <151> PRIOR FILING DATE: 2003-10-03
14 <160> NUMBER OF SEQ ID NOS: 84
16 <170> SOFTWARE: FastSEQ for Windows Version 4.0
18 <210> SEQ ID NO: 1
19 <211> LENGTH: 6
20 <212> TYPE: DNA
21 <213> ORGANISM: Artificial Sequence
23 <220> FEATURE:
24 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
25   synthetic construct
27 <400> SEQUENCE: 1
28 agaaca
30 <210> SEQ ID NO: 2
31 <211> LENGTH: 6
32 <212> TYPE: DNA
33 <213> ORGANISM: Artificial Sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
37   synthetic construct
39 <400> SEQUENCE: 2
40 aggtca
42 <210> SEQ ID NO: 3
43 <211> LENGTH: 15
44 <212> TYPE: DNA
45 <213> ORGANISM: Artificial Sequence
47 <220> FEATURE:
48 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
49   synthetic construct
W--> 51 <221> NAME/KEY: misc_feature
52 <222> LOCATION: 7,8,9
53 <223> OTHER INFORMATION: n = a, g, c or t(u)
W--> 55 <400> 3
W--> 56 agaacannnt gttct
58 <210> SEQ ID NO: 4
59 <211> LENGTH: 13
60 <212> TYPE: DNA

```

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```

61 <213> ORGANISM: Artificial Sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
65     synthetic construct
W--> 67 <221> NAME/KEY: misc_feature
68 <222> LOCATION: 7
69 <223> OTHER INFORMATION: n = a, c, g or t(u)
W--> 71 <400> 4
W--> 72 aggtcanagg tca 13
74 <210> SEQ ID NO: 5
75 <211> LENGTH: 12
76 <212> TYPE: DNA
77 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
81     synthetic construct
83 <400> SEQUENCE: 5
84 aggtcatgac ct 12
86 <210> SEQ ID NO: 6
87 <211> LENGTH: 13
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
93     synthetic construct
95 <400> SEQUENCE: 6
96 gggtcacggtg gcc 13
98 <210> SEQ ID NO: 7
99 <211> LENGTH: 13
100 <212> TYPE: DNA
101 <213> ORGANISM: Artificial Sequence
103 <220> FEATURE:
104 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
105     synthetic construct
107 <400> SEQUENCE: 7
108 ggtgaccttg acc 13
110 <210> SEQ ID NO: 8
111 <211> LENGTH: 13
112 <212> TYPE: DNA
113 <213> ORGANISM: Artificial Sequence
115 <220> FEATURE:
116 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
117     synthetic construct
119 <400> SEQUENCE: 8
120 ggtcaaggcg atc 13
122 <210> SEQ ID NO: 9
123 <211> LENGTH: 13
124 <212> TYPE: DNA
125 <213> ORGANISM: Artificial Sequence

```

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```

127 <220> FEATURE:
128 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
129     synthetic construct
W--> 131 <221> NAME/KEY: misc_feature
132 <222> LOCATION: 6,7,8
133 <223> OTHER INFORMATION: n = a, c, g or t(u)
W--> 135 <400> 9
W--> 136 ggtcannntg acc 13
138 <210> SEQ ID NO: 10
139 <211> LENGTH: 13
140 <212> TYPE: DNA
141 <213> ORGANISM: Artificial Sequence
143 <220> FEATURE:
144 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
145     synthetic construct
147 <400> SEQUENCE: 10
148 gggcatcggtg acc 13
150 <210> SEQ ID NO: 11
151 <211> LENGTH: 13
152 <212> TYPE: DNA
153 <213> ORGANISM: Artificial Sequence
155 <220> FEATURE:
156 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
157     synthetic construct
159 <400> SEQUENCE: 11
160 ggtcgccagg acc 13
162 <210> SEQ ID NO: 12
163 <211> LENGTH: 13
164 <212> TYPE: DNA
165 <213> ORGANISM: Artificial Sequence
167 <220> FEATURE:
168 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
169     synthetic construct
171 <400> SEQUENCE: 12
172 ggtcaggctg gtc 13
174 <210> SEQ ID NO: 13
175 <211> LENGTH: 13
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
181     synthetic construct
183 <400> SEQUENCE: 13
184 ggccgggctg acc 13
186 <210> SEQ ID NO: 14
187 <211> LENGTH: 13
188 <212> TYPE: DNA
189 <213> ORGANISM: Artificial Sequence
191 <220> FEATURE:

```

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```

192 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
193     synthetic construct
195 <400> SEQUENCE: 14
196 ggccgggctg acc 13
198 <210> SEQ ID NO: 15
199 <211> LENGTH: 13
200 <212> TYPE: DNA
201 <213> ORGANISM: Artificial Sequence
203 <220> FEATURE:
204 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
205     synthetic construct
207 <400> SEQUENCE: 15
208 ggccacgatg aca 13
210 <210> SEQ ID NO: 16
211 <211> LENGTH: 13
212 <212> TYPE: DNA
213 <213> ORGANISM: Artificial Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
217     synthetic construct
219 <400> SEQUENCE: 16
220 ggtggccctg acc 13
222 <210> SEQ ID NO: 17
223 <211> LENGTH: 13
224 <212> TYPE: DNA
225 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
229     synthetic construct
231 <400> SEQUENCE: 17
232 ggtcaagggtg acc 13
234 <210> SEQ ID NO: 18
235 <211> LENGTH: 13
236 <212> TYPE: DNA
237 <213> ORGANISM: Artificial Sequence
239 <220> FEATURE:
240 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
241     synthetic construct
243 <400> SEQUENCE: 18
244 ggtcatgggtg acc 13
246 <210> SEQ ID NO: 19
247 <211> LENGTH: 13
248 <212> TYPE: DNA
249 <213> ORGANISM: Artificial Sequence
251 <220> FEATURE:
252 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
253     synthetic construct
255 <400> SEQUENCE: 19
256 gcaggagctg acc 13

```

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Input Set : A:\ 211080032P1.SEQ.TXT

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```

258 <210> SEQ ID NO: 20
259 <211> LENGTH: 13
260 <212> TYPE: DNA
261 <213> ORGANISM: Artificial Sequence
263 <220> FEATURE:
264 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
265     synthetic construct
267 <400> SEQUENCE: 20
268 ggtcagcgtg gcc                                     13
270 <210> SEQ ID NO: 21
271 <211> LENGTH: 13
272 <212> TYPE: DNA
273 <213> ORGANISM: Artificial Sequence
275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
277     synthetic construct
279 <400> SEQUENCE: 21
280 aatcagactg act                                     13
282 <210> SEQ ID NO: 22
283 <211> LENGTH: 13
284 <212> TYPE: DNA
285 <213> ORGANISM: Artificial Sequence
287 <220> FEATURE:
288 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
289     synthetic construct
291 <400> SEQUENCE: 22
292 ggtcaggctg gtc                                     13
294 <210> SEQ ID NO: 23
295 <211> LENGTH: 69
296 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence
299 <220> FEATURE:
300 <223> OTHER INFORMATION: Description of Artificial Sequence; note =
301     synthetic construct
303 <400> SEQUENCE: 23
304 Thr Arg Tyr Cys Ala Val Cys Asn Asp Tyr Ala Ser Gly Tyr His Tyr
305 1          5          10          15
306 Gly Val Trp Ser Cys Glu Gly Cys Lys Ala Phe Phe Lys Arg Ser Ile
307          20          25          30
308 Gln Gly His Asn Asp Tyr Met Cys Pro Ala Thr Asn Gln Cys Thr Ile
309          35          40          45
310 Asp Lys Asn Arg Arg Lys Ser Cys Gln Ala Cys Arg Leu Arg Lys Cys
311          50          55          60
312 Tyr Glu Val Gly Met
313 65
315 <210> SEQ ID NO: 24
316 <211> LENGTH: 51
317 <212> TYPE: PRT
318 <213> ORGANISM: Artificial Sequence

```

RAW SEQUENCE LISTING ERROR SUMMARY

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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:3; N Pos. 7,8,9 ✓

Seq#:4; N Pos. 7 ✓

Seq#:9; N Pos. 6,7,8 ✓

VERIFICATION SUMMARY

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Input Set : A:\ 211080032P1.SEQ.TXT

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L:11 M:270 C: Current Application Number differs, Replaced Current Application No
L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:51 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:55 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:3
L:56 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3 after pos.:0
L:67 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:71 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:4
L:72 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
L:131 M:281 W: Numeric Fields not Ordered, <221> Sort in ascending order!
L:135 M:258 W: Mandatory Feature missing, <220> Tag not found for SEQ ID#:9
L:136 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:9 after pos.:0